

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	"20010012440"	US-PGPUB; USPAT	OR	ON	2007/05/29 13:44
S1	27	(copy\$3 near protect\$3) and authenticat\$3 and (encryption or decryption or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:10
S2	18	(copy\$3 near protect\$3) and authenticat\$3 and (encryption or decryption or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:15
S3	19	(copy\$3 near protect\$3) and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:16
S4	35	authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:17
S5	50	authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:41
S6	28	(copy near protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:08
S7	43	(copy with protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 07:55

## EAST Search History

S8	1	S7 and ("KUDO, YOSHIMICHI" or "OWASHI, HITOAKI" or "YOSHIOKA, ATSUSHI" or "OKAMOTO, HIROO")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:33
S9	0	S7 and "HITACHI,LTD."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:34
S10	0	S7 and "HITACHI, LTD."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:35
S11	0	"HITACHI, LTD."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:35
S12	0	"HITACHI,LTD."	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:35
S13	834192	"HITACHI"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:35
S14	2	"HITACHI" and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 08:35
S15	154	(copy with protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or de-scramble) and key and channel and (control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 10:46
S16	3	(copy with protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or de-scramble) and key and (first near channel) and (control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 09:43
S17	11	(US-20010031066-\$ or US-20020101989-\$ or US-20020114462-\$ or US-20010037307-\$ or US-20010026618-\$ or US-20010023484-\$).did. or (US-6526144-\$ or US-6256390-\$ or US-6118871-\$ or US-5987126-\$ or US-6314518-\$).did.	US-PGPUB; USPAT	OR	ON	2005/06/24 15:07

## EAST Search History

S18	8	S17 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 11:34
S19	11	S17 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 15:06
S20	973	"L17" and (delet\$3 or remov\$3 or eras\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 15:07
S21	12009	"s17" and (delet\$3 or remov\$3 or eras\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 15:07
S22	11	(US-20010031066-\$ or US-20020101989-\$ or US-20020114462-\$ or US-20010037307-\$ or US-20010026618-\$ or US-20010023484-\$).did. or (US-6526144-\$ or US-6256390-\$ or US-6118871-\$ or US-5987126-\$ or US-6314518-\$).did.	US-PGPUB; USPAT	OR	ON	2005/06/24 15:07
S23	11	S22	US-PGPUB; USPAT	OR	ON	2005/06/24 15:08
S24	10	S22 and (delet\$3 or remov\$3 or eras\$3)	US-PGPUB; USPAT	OR	ON	2005/06/24 15:45
S25	11	S22 and (delet\$3 or remov\$3 or eras\$3 or start\$3 or stop or paus\$3 or position or status or query\$3)	US-PGPUB; USPAT	OR	ON	2005/06/24 16:07
S26	12	(copy near protect\$3)and (another or second adj (authenticat\$3)) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:10
S27	24	(copy with protect\$3)and (another or second adj (authenticat\$3)) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:14
S28	164	(copy with protect\$3)and ((another or second or other) with authenticat\$3) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:16
S29	3	(copy with protect\$3)and (((another or second or other) with authenticat\$3)same reject\$3) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:18

## EAST Search History

S30	71	((another or second or other) with authenticat\$3)same reject\$3) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:18
S31	32	((another or second or other) with authenticat\$3)with reject\$3) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:19
S32	17	((another or second or other) with authenticat\$3)with reject\$3) and @pd<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:38
S33	28	recording same (read\$3 near delet\$3) and @pd<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/24 16:39
S34	43	(copy with protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or descramble) and key and channel and (copy near control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 07:57
S35	0	S34 and ("5903646" "5185797" "6253193" "6363488" "6389402" "6427140" "4543646" "4613901" "4918728" "4926475" "5365590" "5483595" "5509071" "5528691" "5615261" "5623546" "5633932" "5640452" "5657444" "5687237" "5737424" "5799083" "5818933" "5870479" "5991400" "5995623" "6073122" "6105134" "6115699" "6157719" "6317500" "6865550" "5313521" "5638445" "5646999" "5761311" "5764768" "5966444" "6076077" "6097818" "6163841" "4858508" "4941176" "4982644" "5190466" "5241600" "5517567" "5557678" "5563947" "5596639"). pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 08:10
S36	6	"140814".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:27
S37	4	"006681".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 08:25

## EAST Search History

S38	5	"804511".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 08:35
S39	122	IEC61883	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:27
S40	38	IEC61883 and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:55
S41	3	IEC61883 and @ad<="20010216" and ((second or another or other or additional or two) adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:36
S42	183	isochronous and @ad<="20010216" and ((second or another or other or additional or two) adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 15:33
S43	19	(isochronous adj communication) and @ad<="20010216" and ((second or another or other or additional or two) adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:37
S44	29	(isochronous adj3 communication) and @ad<="20010216" and ((second or another or other or additional or two) adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:38
S45	31	(isochronous adj3 communication) and @ad<="20010216" and ((second or another or other or additional or two or first) adj channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 14:39
S46	6	IEC61883 and @ad<="20010216" and "overlay"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 15:12
S47	5	IEC61883 and @ad<="20010216" and "overlay" and channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 15:12
S48	8	isochronous and @ad<="20010216" and ((second or another or other or additional or two) adj channel) and prohibit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:14
S49	67	("86639" or "140814" or "805116" or "804511")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:16

## EAST Search History

S50	17	("86639" or "140814" or "805116" or "804511").ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:19
S51	3	(US-20010023487-\$ or US-20010023484-\$).did. or (US-6314518-\$).did.	US-PGPUB; USPAT	OR	ON	2005/06/27 16:18
S52	1	S41 and (inquiry\$3 or query\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:20
S53	0	S51 and (inquiry\$3 or query\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:21
S54	1	S51 and command	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:21
S55	154	(copy with protect\$3)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scramble or de-scramble) and key and channel and (control near information) and @ad<="20011210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:40
S56	26	S55 and 713/200	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41
S57	16	S55 and 713/201	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41
S58	0	S55 and 713/188	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41
S59	10	S55 and 713/194	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41
S60	1	S55 and 713/2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41
S61	2	S55 and 713/1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:41

## EAST Search History

S62	0	S55 and 710/3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:42
S63	0	S55 and 711/101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:42
S64	0	S55 and 711/102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:42
S65	3	S55 and 711/103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:43
S66	0	S55 and 711/104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:43
S67	0	S55 and 709/222	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/28 11:43
S68	5	"006681".ap.	US-PGPUB; USPAT	OR	ON	2005/12/09 08:49
S69	1	"20020114462"	US-PGPUB; USPAT	OR	ON	2005/12/09 10:48
S70	103	(copy with protect\$3)and authentica\$3 and (encrypt\$3 or decrypt\$3 or scramble or de-scramble) and key and channel and (control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 10:45
S71	103	(copy with protect\$3)and authentica\$3 and (encrypt\$3 or decrypt\$3 or scramble or de-scramble) and key and channel and (control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 10:47
S72	105	(copy with protect\$3)and authentica\$3 and (encrypt\$3 or decrypt\$3 or scramble\$3 or de-scramble) and key and channel and (control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 10:57
S73	1	"20020114462" and copy	US-PGPUB; USPAT	OR	ON	2005/12/09 10:48

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S74	109	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:50
S75	288	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<="20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:03
S76	234	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<="20010216" and record\$3 and transmit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:05
S77	104	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<="20010216" and record\$3 and transmit\$4 and (control near information)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:06
S78	104	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<"20010216" and record\$3 and transmit\$4 and (control near information)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:14
S79	45	(copy near (protect\$3 or control) near information)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<"20010216" and record\$3 and transmit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:22
S80	33	(copy near (control) near information)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<"20010216" and record\$3 and transmit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:16



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S81	46	(copy near (protect\$3 or control) near information)and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and @ad<"20010216" and record\$3 and transmi\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 09:22
S82	2	"20020007452"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:59
S83	1	"20020007452" and (copy near control)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:25
S84	0	"20020007452" and (delet\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:25
S85	1	"20020007452" and (del\$5 or kept)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:26
S86	1	"20020007452" and (second)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:31
S87	0	"20020007452" and (inquiry\$3 or query\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:31
S88	0	"20020007452" and (query\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:31
S89	0	"20020007452" and (start\$3 or stop\$3 or paus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:32
S90	1	"20020007452" and (display\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:35
S91	1433535	"20020007452" and disc or disk	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:36

## EAST Search History

S92	1	"20020007452" and (disc or disk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:15
S93	87	channel and (copy near control near information) and @ad<"20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:43
S94	47013	@ad<"20010216" and ((second\$3 or another or additional) near channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:44
S95	3053	@ad<"20010216" and ((second\$3 or another or additional) near channel) and (stream near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:44
S96	369	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:45
S97	5	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (copy near (protect\$3 or control))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:45
S98	196	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (start\$3 or paus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:46
S99	5	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (start\$3 or paus\$3) and inquir\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:46
S10 0	8	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (start\$3 or paus\$3) and inquir\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:47
S10 1	22	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (start\$3 or paus\$3) and (inquir\$3 or quer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:47
S10 2	0	@ad<"20010216" and (((second\$3 or another or additional) near channel) same (stream near data)) and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:48

## EAST Search History

S10 3	28	@ad<"20010216" and ((second\$3 or another or additional) near channel) and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:49
S10 4	3	@ad<"20010216" and ((second\$3 or another or additional) near channel) and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 10:49
S10 5	28	@ad<"20010216" and ((second\$3 or another or additional) near channel) and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:23
S10 6	2	"20020007452" and channel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:28
S10 7	1	"20020007452" and (start\$3 or begin\$4 or paus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:21
S10 8	1169	@ad<"20010216" and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:23
S10 9	188	@ad<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:24
S11 0	87	@pd<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:24
S11 1	0	@pd<"20010216" and ((start\$3 and paus\$3)near3 device) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:25
S11 2	0	@pd<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data) and (authenticat\$3 near reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:25
S11 3	0	@ad<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data) and (authenticat\$3 near reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:42

## EAST Search History

S11 4	0	@ad<"20010216" and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data) and (authenticat\$3 near2 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:26
S11 5	0	@ad<"20010216" and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data) and (authenticat\$3 near3 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:26
S11 6	0	@ad<"20010216" and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near2 data) and (authenticat\$3 near3 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:29
S11 7	0	"20020007452" and (inquir\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:28
S11 8	0	"20020007452" and (query\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:28
S11 9	0	@ad<"20010216" and (start\$3 or paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near2 data) and (authenticat\$3 near5 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:32
S12 0	0	@ad<"20010216" and (inquir\$3 or quer\$3) and (delet\$3 near2 data) and (authenticat\$3 near5 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:33
S12 1	4	@ad<"20010216" and (delet\$3 near2 data) and (authenticat\$3 near5 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:35
S12 2	0	@ad<"20010216" and (delet\$3 near2 data) and (authenticat\$3 near request near3 reject\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:35
S12 3	0	@ad<"20010216" and (delet\$3 near2 data) and (reject\$3 near authenticat\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:36
S12 4	0	@ad<"20010216" and (delet\$3 near3 data) and (reject\$3 near authenticat\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:39
S12 5	5	@ad<"20010216" and (delet\$3 near3 data) and (reject\$3 near5 authenticat\$3 )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:40

## EAST Search History

S12 6	188	@ad<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 11:43
S12 7	87	@pd<"20010216" and (start\$3 and paus\$3) and (inquir\$3 or quer\$3) and (delet\$3 near data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 13:25
S12 8	2	"20020114462"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/12 13:25
S12 9	0	"20020007452 b2"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:03
S13 0	2	"6542610".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:03
S13 1	1	"6542610".pn. and command	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:03
S13 2	10	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and 380/200	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:50
S13 3	46	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and 380/201	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:51
S13 4	10	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and 380/255	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:51
S13 5	12	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and 380/277	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:51

## EAST Search History

S13 6	0	(copy near (protect\$3 or control))and authenticat\$3 and (encrypt\$3 or decrypt\$3 or scrambl\$3 or de-scramble) and key and channel and (control near information) and 726/2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 11:51
S13 7	2	"5602750".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 12:05
S13 8	2	"20020114462"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/13 12:05
S13 9	2	"6052785".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/23 09:58
S14 0	2	"6052785".pn. and authenticat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/23 09:58
S14 1	1	"6052785".pn. and authenticat\$3	US-PGPUB; USPAT	OR	ON	2006/06/23 09:58
S14 2	20330287	@ad<"20010216"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/06/28 16:19
S14 3	193	@ad<"20010216" and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/28 16:20
S14 4	20	@ad<"20010216" and ((copy near control near information) near3 (chang\$3 or updat\$3 or modify\$3 or modified or modification))	US-PGPUB; USPAT	OR	ON	2006/06/28 16:23
S14 5	2	(6622249 6834345).pn.	US-PGPUB; USPAT	OR	ON	2006/06/29 16:17
S14 6	1	(6622249 6834345).pn. and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/30 08:50
S14 7	1	S145 and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/29 16:17
S14 8	2	(6622249 6834348).pn.	US-PGPUB; USPAT	OR	ON	2006/06/29 16:17
S14 9	2	(6622249 6834348).pn. and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/30 08:45
S15 0	1	"6542610".pn.	US-PGPUB; USPAT	OR	ON	2006/06/30 08:45

## EAST Search History

S15 1	0	"6542610".pn. and (control near informaion)	US-PGPUB; USPAT	OR	ON	2006/06/30 08:45
S15 2	1	"6542610".pn. and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/30 09:01
S15 3	1	"5602750".pn.	US-PGPUB; USPAT	OR	ON	2006/06/30 09:05
S15 4	1	"20020114462"	US-PGPUB; USPAT	OR	ON	2006/06/30 09:06
S15 5	0	"20020114462" and disabl\$3	US-PGPUB; USPAT	OR	ON	2006/06/30 09:06
S15 6	1	"20020114462" and (disabl\$4 or delet\$4)	US-PGPUB; USPAT	OR	ON	2006/06/30 09:41
S15 7	2	(6834348 6622249).pn.	US-PGPUB; USPAT	OR	ON	2006/06/30 09:41
S15 8	1	S157 and (transmission)	US-PGPUB; USPAT	OR	ON	2006/06/30 09:43
S15 9	2	S157 and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/06/30 09:57
S16 0	1	"6542610".pn.	US-PGPUB; USPAT	OR	ON	2006/06/30 10:01
S16 1	1	"6542610".pn. and copy\$3	US-PGPUB; USPAT	OR	ON	2006/06/30 10:05
S16 2	1	"6542610".pn. and copy\$9	US-PGPUB; USPAT	OR	ON	2006/06/30 13:34
S16 3	0	"6542610".pn. and (delet\$3 or disabl\$ or remov\$5)	US-PGPUB; USPAT	OR	ON	2006/06/30 13:53
S16 4	1	"6542610".pn. and (command)	US-PGPUB; USPAT	OR	ON	2006/06/30 13:53
S16 5	1	"6542610".pn. and (transfer\$5 or transmit\$4)	US-PGPUB; USPAT	OR	ON	2006/06/30 14:28
S16 6	1	"6542610".pn. and (multicast\$3)	US-PGPUB; USPAT	OR	ON	2006/06/30 15:05
S16 7	1	"20030123176"	US-PGPUB; USPAT	OR	ON	2006/06/30 14:46
S16 8	0	"6542610".pn. and (disconnect\$3)	US-PGPUB; USPAT	OR	ON	2006/06/30 15:05
S16 9	1	"6542610".pn. and (channel)	US-PGPUB; USPAT	OR	ON	2006/06/30 15:54
S17 0	1	"6542610".pn. and (detect\$3)	US-PGPUB; USPAT	OR	ON	2006/06/30 16:13
S17 1	3	"379598".ap.	US-PGPUB; USPAT	OR	ON	2006/06/30 16:17
S17 2	3	"382997".ap.	US-PGPUB; USPAT	OR	ON	2006/06/30 16:17

## EAST Search History

S17 3	2	(6834348 6622249).pn.	US-PGPUB; USPAT	OR	ON	2006/06/30 17:06
S17 4	5	"006681".ap.	US-PGPUB; USPAT	OR	ON	2006/10/03 14:52
S17 5	1	"20020114462"	US-PGPUB; USPAT	OR	ON	2006/10/03 14:52
S17 6	1	"20020114462" and (channel\$3)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:43
S17 7	0	"20020114462" and (disabl\$4)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:31
S17 8	1	"20020114462" and (delet\$3)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:37
S17 9	1	"5602750".pn.	US-PGPUB; USPAT	OR	ON	2006/10/03 15:37
S18 0	1	"5602750".pn. and (file)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:42
S18 1	0	"5602750".pn. and (stream near data)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:43
S18 2	0	"5602750".pn. and (stream\$3 near data)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:43
S18 3	1	"20020114462" and (stream\$3 near data)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:50
S18 4	1	"20020114462" and (delet\$3)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:52
S18 5	0	"20020114462" and (file)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:52
S18 6	1	"20020114462" and (head\$3 or posit\$3 or offset)	US-PGPUB; USPAT	OR	ON	2006/10/03 15:52
S18 7	2	"20020114462"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/06 09:49
S18 8	1	"20020114462"	US-PGPUB; USPAT	OR	ON	2006/12/06 11:48
S18 9	0	"20020114462" and (power\$6)	US-PGPUB; USPAT	OR	ON	2006/12/06 10:26
S19 0	0	"20020114462" and (restart\$3 or resum\$6)	US-PGPUB; USPAT	OR	ON	2006/12/06 10:26
S19 1	3	(6542610 6622249 6834348).pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 11:48
S19 2	3	S191 and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/12/06 11:49
S19 3	3	S191 and ((copy near control near information) same (chang\$3 or modif\$9 or updat\$4 or control\$5))	US-PGPUB; USPAT	OR	ON	2006/12/06 11:50



## EAST Search History

S19 4	3	S191 and ((copy near control near information) with (chang\$3 or modif\$9 or updat\$4 or control\$5))	US-PGPUB; USPAT	OR	ON	2006/12/06 16:37
S19 5	1	S191 and ((copy near control near information) with (chang\$3 or modif\$9 or updat\$4 or control\$5)) and (delet\$3)	US-PGPUB; USPAT	OR	ON	2006/12/06 13:49
S19 6	1	"6167775".pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 13:49
S19 7	1	"6167445".pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 13:49
S19 8	411136	"1394" protocol	US-PGPUB; USPAT	OR	ON	2006/12/06 16:37
S19 9	435	("1394" adj protocol)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:37
S20 0	24	((("1394" adj protocol) same header)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:43
S20 1	168	((("1394" adj protocol)) and (cip header)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:44
S20 2	24	((("1394" adj protocol)) same (cip header)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:44
S20 3	3	((("1394" adj protocol)) same (cip adj header)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:49
S20 4	1	"6542610".pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 16:50
S20 5	0	"6542610".pn. and (delet\$3 or eras\$3 or destroy\$3)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:51
S20 6	1	"6542610".pn. and (one near copy)	US-PGPUB; USPAT	OR	ON	2006/12/06 16:51
S20 7	20	@ad<"20010216" and ((copy near control near information) near3 (chang\$3 or updat\$3 or modify\$3 or modified or modification))	US-PGPUB; USPAT	OR	ON	2006/12/06 16:59
S20 8	21	@ad<"20010216" and ((copy near control near information) near3 (chang\$3 or updat\$3 or modif\$9))	US-PGPUB; USPAT	OR	ON	2006/12/06 17:00
S20 9	9	@ad<"20010216" and ((copy near control near information) near3 (chang\$3 or updat\$3 or modif\$9)) and (delet\$3 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:00
S21 0	21	@ad<"20010216" and ((copy near control near information) same (chang\$3 or updat\$3 or modif\$9)) and (delet\$3 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:00

## EAST Search History

S21 1	4	@ad<"20010216" and ((copy near control near information) same (chang\$3 or updat\$3 or modif\$9)) same (delet\$3 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:02
S21 2	8	@ad<"20020216" and ((copy near control near information) same (chang\$3 or updat\$3 or modif\$9)) same (delet\$3 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:18
S21 3	0	L17-L16	US-PGPUB; USPAT	OR	ON	2006/12/06 17:02
S21 4	4	S212 not S211	US-PGPUB; USPAT	OR	ON	2006/12/06 17:06
S21 5	7	(6278836 6396998 6836844 6834349 6490113 5796828 6477320).pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 17:07
S21 6	2	S215 and (eras\$3 or delet\$3)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:11
S21 7	1	"6622249".pn.	US-PGPUB; USPAT	OR	ON	2006/12/06 17:11
S21 8	1	"6622249".pn. and (copy near control near information)	US-PGPUB; USPAT	OR	ON	2006/12/06 17:12
S21 9	1	"6571220".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 08:34
S22 0	0	"6571220".pn. and (copy near control near information) and (cmgi)	US-PGPUB; USPAT	OR	ON	2006/12/07 08:34
S22 1	0	"6571220".pn. and (copy near control near information) and (cgmi)	US-PGPUB; USPAT	OR	ON	2006/12/07 08:34
S22 2	34	@ad<"20020216" and ((copy near control near information) same cgms)	US-PGPUB; USPAT	OR	ON	2006/12/07 09:04
S22 3	17	@ad<"20020216" and ((copy near control near information) same cgms) and (delet\$3 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/07 09:04
S22 4	17	@ad<"20020216" and ((copy near control near information) same cgms) and (delet\$5 or eras\$5)	US-PGPUB; USPAT	OR	ON	2006/12/07 09:25
S22 5	16	@ad<"20020216" and ((copy near control near information) same (delet\$5 or eras\$5))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:36
S22 6	76	@ad<"20020216" and (copy near control near information) and ((delet\$5 or eras\$5) near5 (data or content))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:37

## EAST Search History

S22 7	5	@ad<"20020216" and (copy near (control or protect\$3) near information) same ((delet\$5 or eras\$5) near5 (data or content))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:38
S22 8	53	@ad<"20020216" and (copy near (control or protect\$3)) same ((delet\$5 or eras\$5) near5 (data or content))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:38
S22 9	32	@ad<"20010216" and (copy near (control or protect\$3)) same ((delet\$5 or eras\$5) near5 (data or content))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:39
S23 0	41	@ad<"20010216" and (copy near (control or protect\$3)) same ((delet\$5 or eras\$5 or destroy\$3) near5 (data or content))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:39
S23 1	47	@ad<"20010216" and (copy near (control or protect\$3)) same ((delet\$5 or eras\$5 or destroy\$3) near5 (data or content or file))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:40
S23 2	38	@ad<"20010216" and (copy near (control or protect\$3)) same ((delet\$5 or eras\$5 or destroy\$3) near3 (data or content or file))	US-PGPUB; USPAT	OR	ON	2006/12/07 09:41
S23 3	1	"6542610".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 11:44
S23 4	1	"6282654".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 11:44
S23 5	1	"6542610".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 14:07
S23 6	1	"6571220".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 14:32
S23 7	1	"6622249".pn.	US-PGPUB; USPAT	OR	ON	2006/12/07 14:32
S23 8	6	"006681".ap.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:54
S23 9	2	"20020114462"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/25 13:54
S24 0	1	"20020114462"	US-PGPUB; USPAT	OR	ON	2007/05/29 09:22
S24 1	3	(6542610 6282654).pn. or "20010012440"	US-PGPUB; USPAT	OR	ON	2007/05/29 09:23

## EAST Search History

S24 2	2	S241 and (third)	US-PGPUB; USPAT	OR	ON	2007/05/29 10:40
S24 3	1	S241 and (multip\$9)	US-PGPUB; USPAT	OR	ON	2007/05/29 09:24
S24 4	2	S241 and (multip\$9 or plurality)	US-PGPUB; USPAT	OR	ON	2007/05/29 09:24
S24 5	2	S241 and (multip\$9 or plurality or several)	US-PGPUB; USPAT	OR	ON	2007/05/29 09:26
S24 6	2	S241 and ("1394")	US-PGPUB; USPAT	OR	ON	2007/05/29 09:49
S24 7	2	S241 and (key)	US-PGPUB; USPAT	OR	ON	2007/05/29 09:50
S24 8	3	S241 and (two or more)	US-PGPUB; USPAT	OR	ON	2007/05/29 10:51
S24 9	1	S241 and (channel)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:27
S25 0	1	"20020114462" and (channel)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:31
S25 1	1	S241 and (unique)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:27
S25 2	2	S241 and (key)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:33
S25 3	1	"20020114462" and (key)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:31
S25 4	2	S241 and (key same generat\$3)	US-PGPUB; USPAT	OR	ON	2007/05/29 11:33
S25 5	2	S241 and (key with generat\$3)	US-PGPUB; USPAT	OR	ON	2007/05/29 13:44